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AMSAT NEWS SERVICE
ANS-306

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to:
ans-editor at amsat.org.

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see:
http://www.amsat.org/mailman/listinfo/ans

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ANS-306 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 306.01
 From AMSAT HQ KENSINGTON, MD.
DATE November 1, 2020
To All RADIO AMATEURS
BID: $ANS-306.01

Neutron-1 Scheduled for Deployment on November 5th

The Neutron-1 3U CubeSat is currently scheduled to be deployed from the ISS on November 5, 2020 at 10:40 UTC. For the first month and during the spacecraft commissioning phase, the beacon will transmit 1200bps BPSK every 60 seconds on the IARU coordinated frequency of 435.300MHz. We welcome the worldwide Amateur community to collect the beacons and forward them to n1-info at hsfl.hawaii.edu. The beacon format is now public and published at https://tinyurl.com/ANS-306-Neutron.

After the initial commissioning phase, Amateurs will be able to use the V/U FM repeater during available times and according to the available power budget. Stay tuned for more mission updates on our Twitter account @HSFLNeutron1 and our website

https://www.hsfl.hawaii.edu/missions/neutron-1/.

[ANS thanks the Hawaii Space Flight Lab at the University of Hawaii for the above information]

Upcoming Amateur Satellite Launches

A number of amateur satellites are expected to launch in the next few months. AMSAT's RadFxSat-2 / Fox-1E is expected to launch by the end of this year on the ELaNa XX mission on Virgin Orbit's LauncherOne vehicle. RadFxSat-2 carries a 30 kHz wide V/u linear transponder.

The Tevel Mission is a series of 8 Israeli 1U CubeSats carrying FM transponders expected to launch on a SpaceX Falcon 9 in December.

Also from Herzliya Science Center is a 3U CubeSat called Tausat. This is scheduled to launch on a JAXA resupply mission to the ISS for deployment in February. Tausat carries an FM transponder.

Finally, AMSAT-EA reports that their PocketQubes EASAT-2 and HADES have been integrated for launch on a SpaceX Falcon 9 in December, while GENESIS-L and GENESIS-N have been integrated into their dispenser for launch on Firefly's Alpha rocket. More information can be found
at https://www.amsat-ea.org/

[ANS thanks AMSAT, AMSAT-EA, AMSAT-UK, and the IARU for the above information]

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solar panels, propulsion, and attitude control. Come along for the ride. The journey will be worth it!

https://tinyurl.com/ANS-GOLF

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+ AMSAT Remove Before Flight keychains are again available on the AMSAT store. Purchases help Keep Amateur Radio in Space! https://www.amsat.org/product/amsat-remove-before-flight-keychain/

+ All issues of The AMSAT Journal dating back to 2014 are now available to AMSAT members on AMSAT's new membership portal. The 1969-2013 archive will be added at a later date. All editions of AMSAT's Symposium Proceedings are also available for members. If you're a current AMSAT member, get logged on today. If you are not yet a member, consider joining today at https://launch.amsat.org/

+ The 2020 edition of AMSAT’s Getting Started with Amateur Satellites is now available on the AMSAT store. A perennial favorite, Getting Started is updated every year with the latest amateur satellite information, and is the premier primer of satellite operation. The book is presented in DRM-free PDF format, in full color, and covers all aspects of making your first contacts on a ham radio satellite. The digital download is available for $15 at https://tinyurl.com/2020GettingStarted. The print edition is $30 plus shipping and is available at https://tinyurl.com/GS2020Print

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In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. President's Club donations may be made at https://tinyurl.com/ANS-PresClub.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.

Join AMSAT today at https://launch.amsat.org/

73 and remember to help Keep Amateur Radio in Space,

This week's ANS Editor,

Paul Stoetzer, N8HM
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